

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039114.D
 Acq On : 12 Jan 2019 11:47
 Operator : JU/SJ
 Sample : K1119-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-B

Quant Time: Jan 14 10:35:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	20425	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	89206	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	78295	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	213976	20.00	ng	0.00
76) Chrysene-d12	21.69	240	217545	20.00	ng	-0.01
87) Perylene-d12	24.96	264	225590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	142888	132.71	ng	0.00
7) Phenol-d6	7.18	99	173318	111.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	144529	88.65	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	161855	123.32	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	503534	88.02	ng	0.00
79) Terphenyl-d14	20.02	244	1060367	90.17	ng	0.00

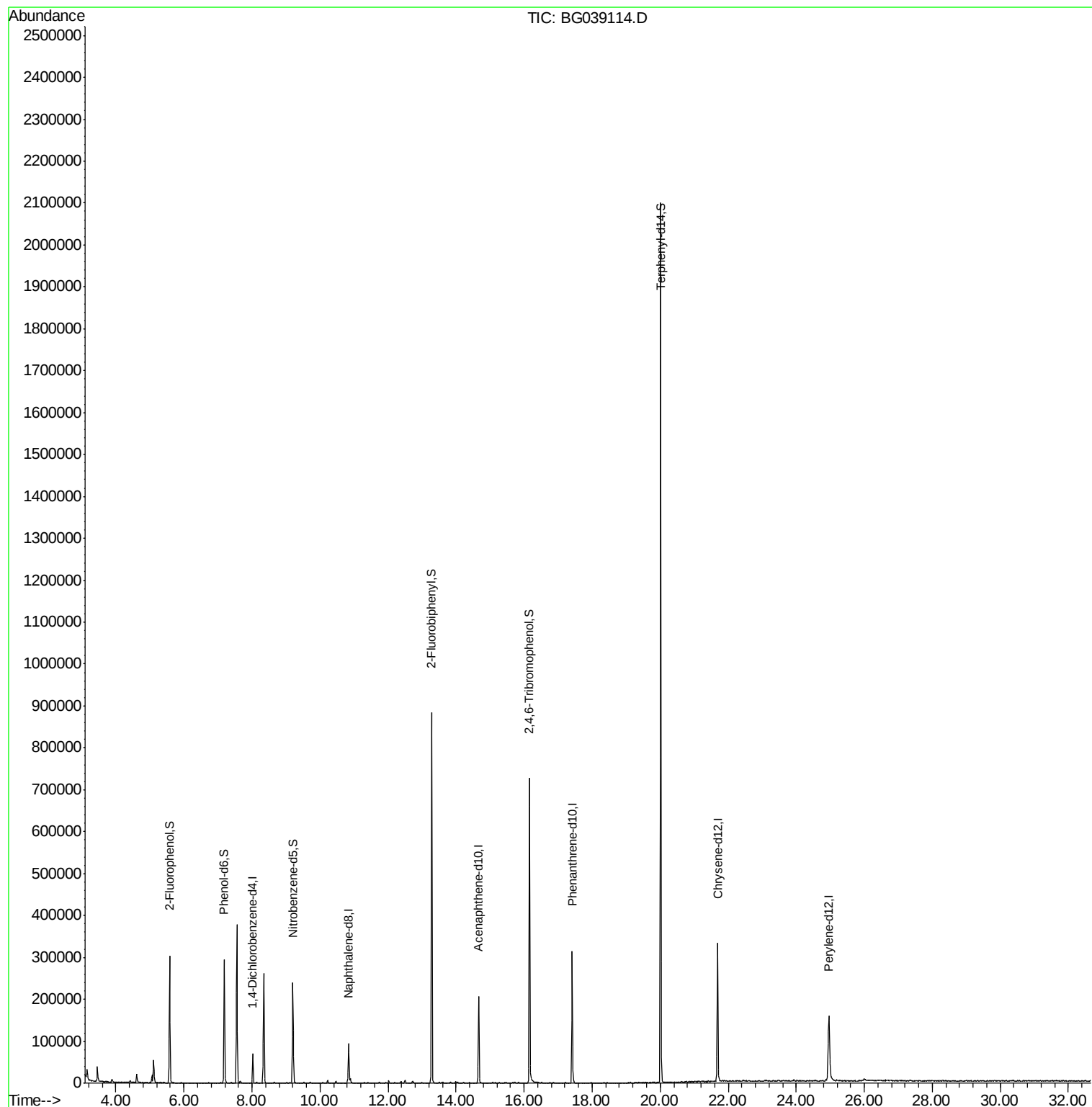
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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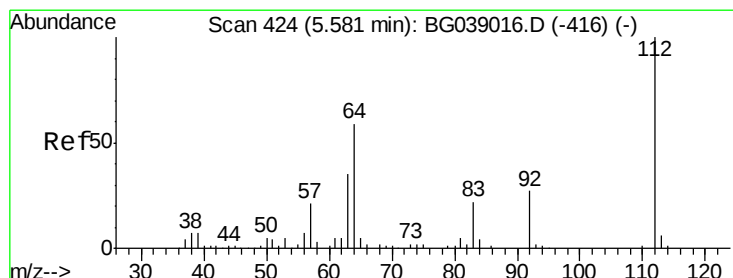
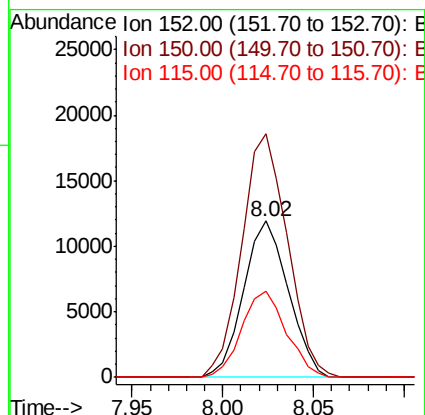
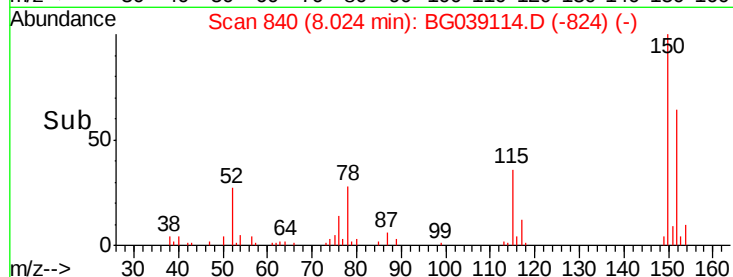
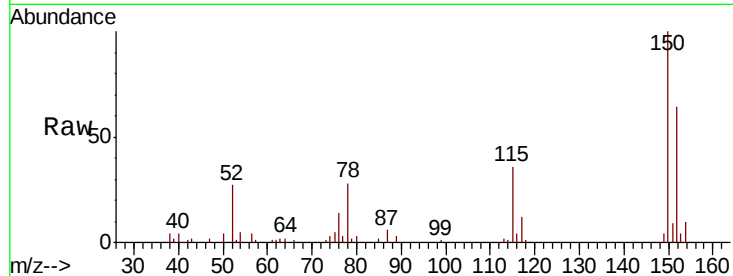


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039114.D
Acq: 12 Jan 2019 11:47

Instrument :
BNA_G
ClientSampled :
DS-B

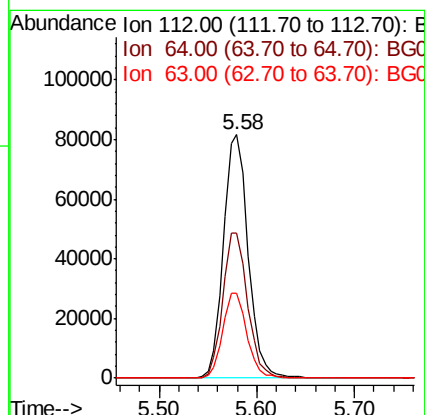
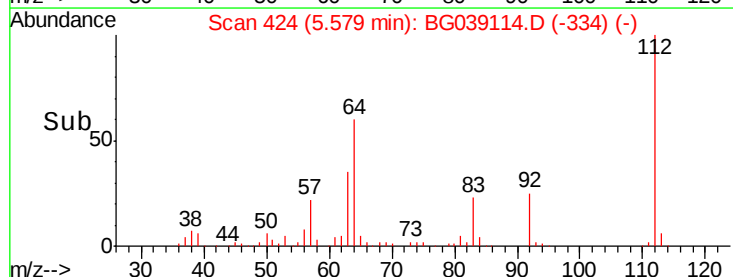
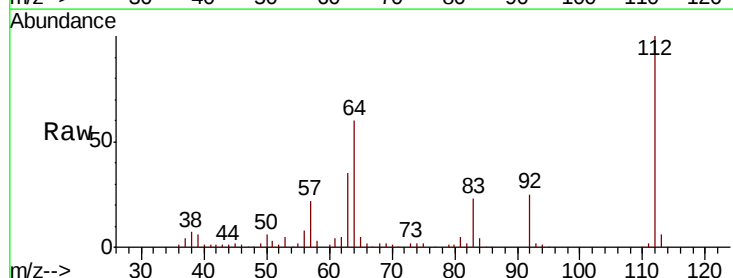
Tot Ion:152 Resp: 20425
Ion Ratio Lower Upper
152 100
150 155.6 124.7 187.1
115 55.3 46.5 69.7

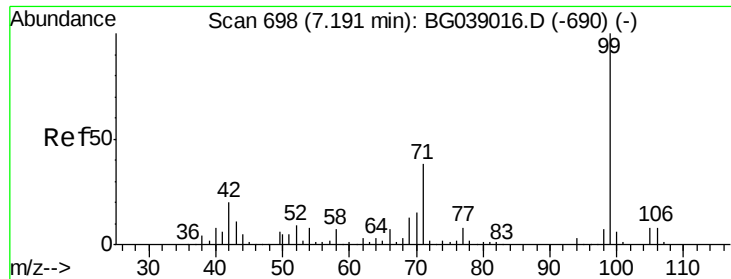


#5

2-Fluorophenol
Concen: 132.708 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039114.D
Acq: 12 Jan 2019 11:47

Tgt Ion:112 Resp: 142888
Ion Ratio Lower Upper
112 100
64 59.8 47.0 70.6
63 35.0 28.0 42.0





#7

Phenol-d6

Concen: 111.852 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039114.D

Acq: 12 Jan 2019 11:47

Instrument :

BNA_G

ClientSampleId :

DS-B

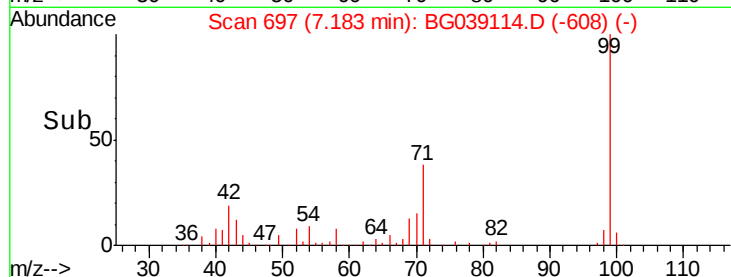
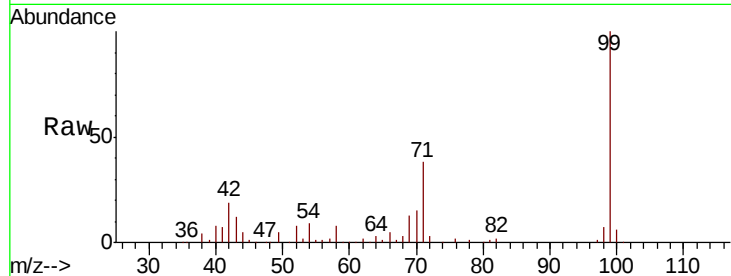
Tot Ion: 99 Resp: 173318

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

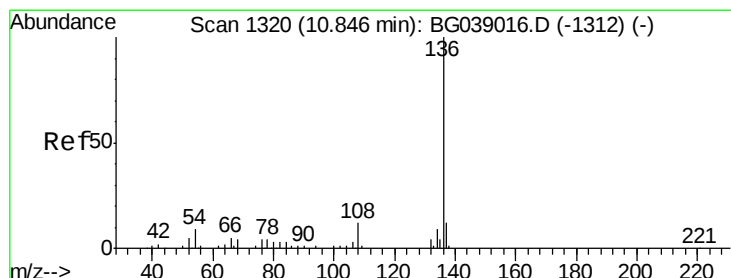
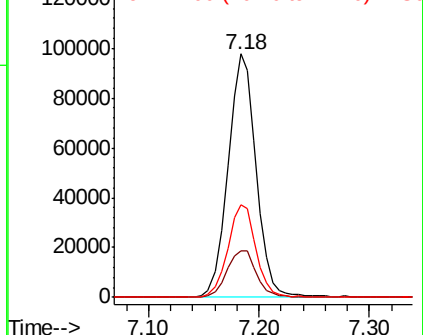
71 38.3 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039114.D

Acq: 12 Jan 2019 11:47

Tgt Ion: 136 Resp: 89206

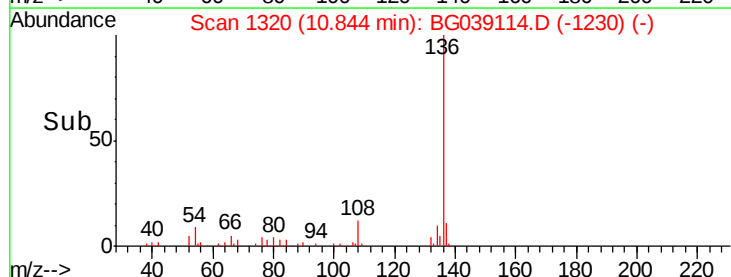
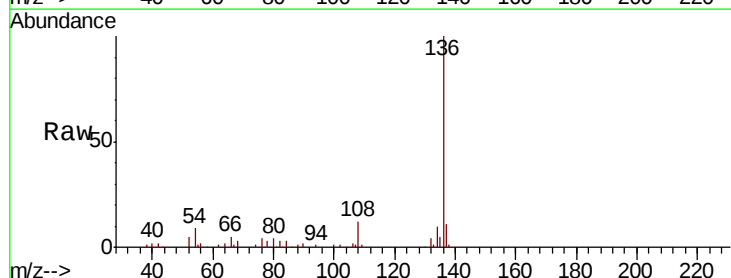
Ion Ratio Lower Upper

136 100

137 10.8 9.4 14.2

54 8.9 7.2 10.8

68 3.2 3.5 5.3#

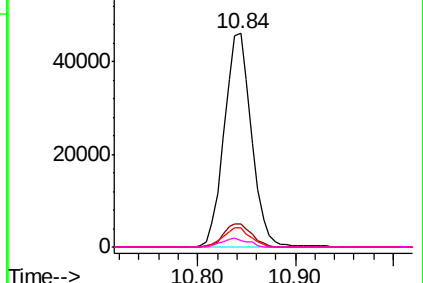


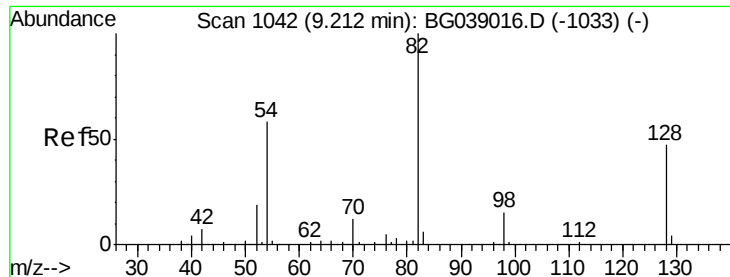
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

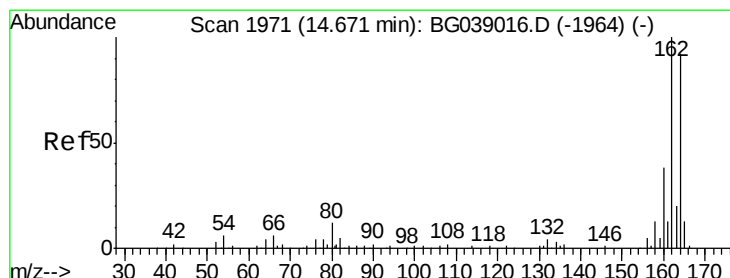
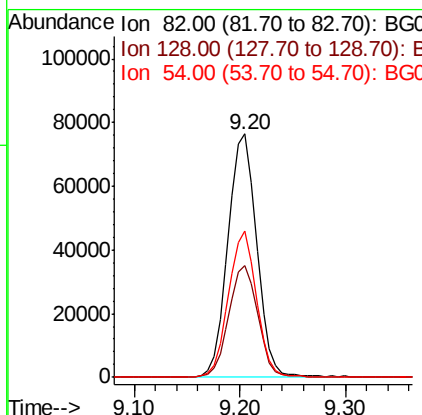
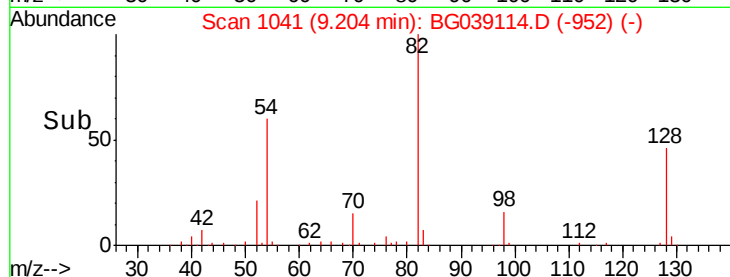
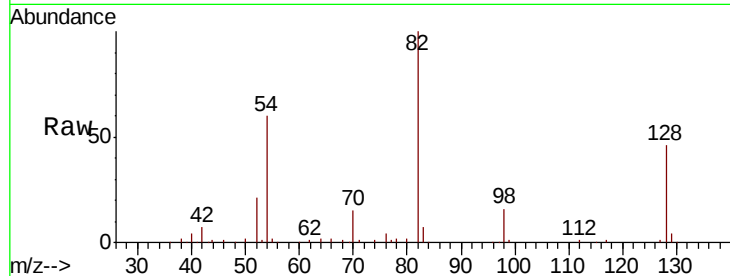




#23
 Nitrobenzene-d5
 Concen: 88.655 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039114.D
 Acq: 12 Jan 2019 11:47

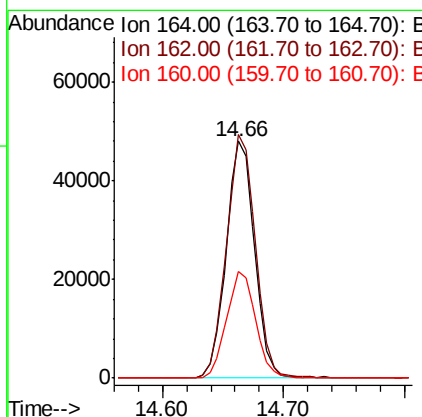
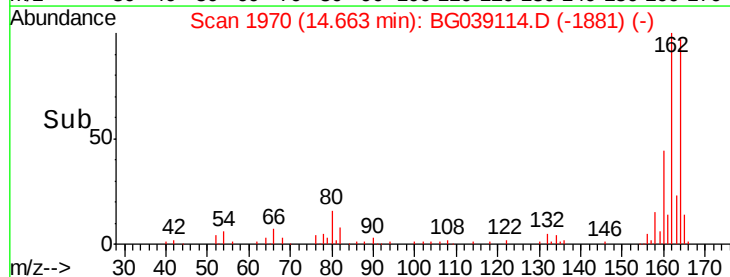
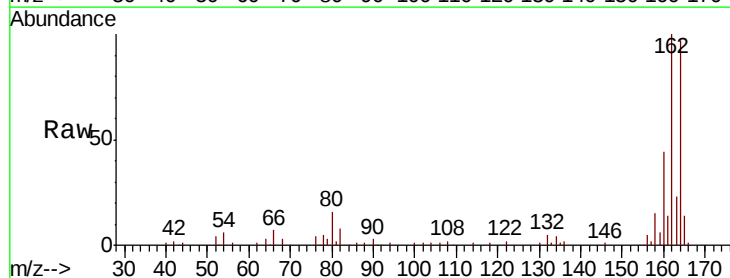
Instrument :
 BNA_G
 ClientSampleId :
 DS-B

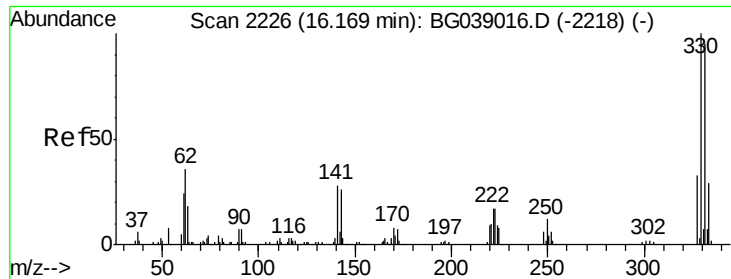
Tot Ion: 82 Resp: 144529
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.3 55.9
 54 60.0 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039114.D
 Acq: 12 Jan 2019 11:47

Tgt Ion:164 Resp: 78295
 Ion Ratio Lower Upper
 164 100
 162 102.8 87.2 130.8
 160 44.9 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 123.324 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039114.D

Acq: 12 Jan 2019 11:47

Instrument :

BNA_G

ClientSampleId :

DS-B

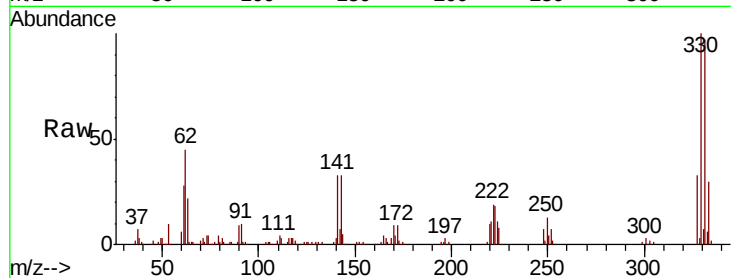
Tot Ion:330 Resp: 161855

Ion Ratio Lower Upper

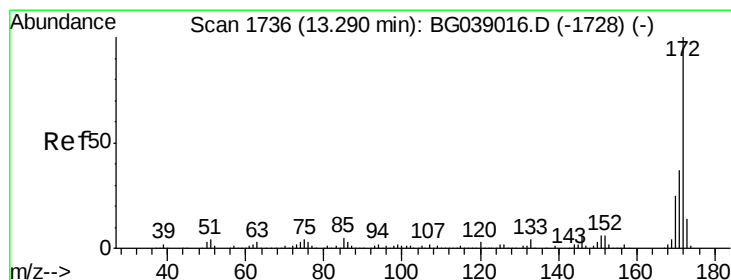
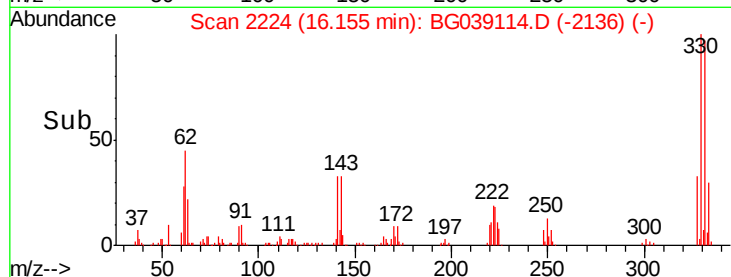
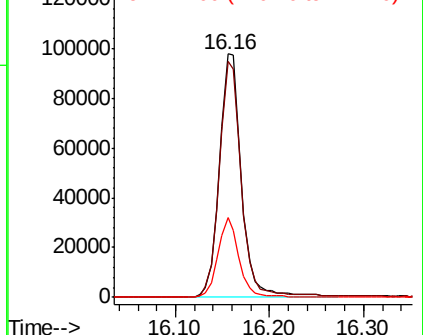
330 100

332 96.8 75.7 113.5

141 31.4 24.9 37.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 88.016 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039114.D

Acq: 12 Jan 2019 11:47

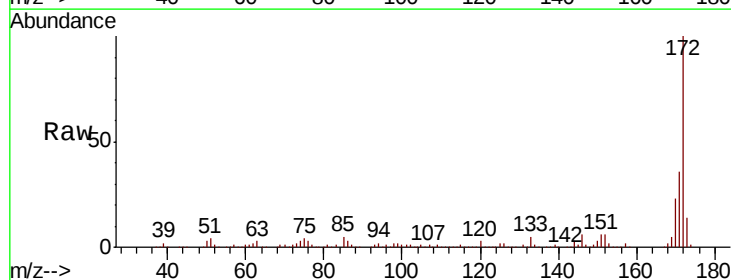
Tgt Ion:172 Resp: 503534

Ion Ratio Lower Upper

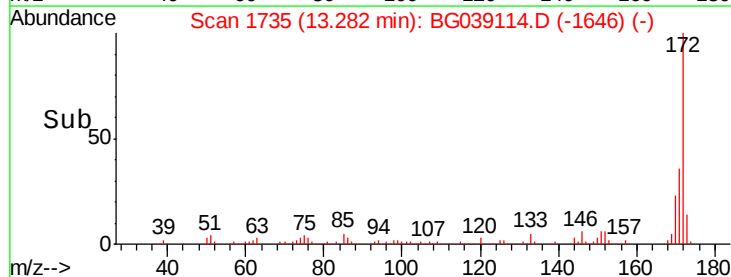
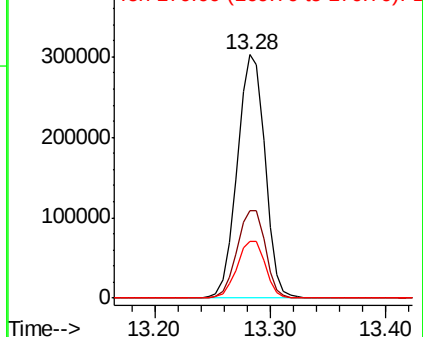
172 100

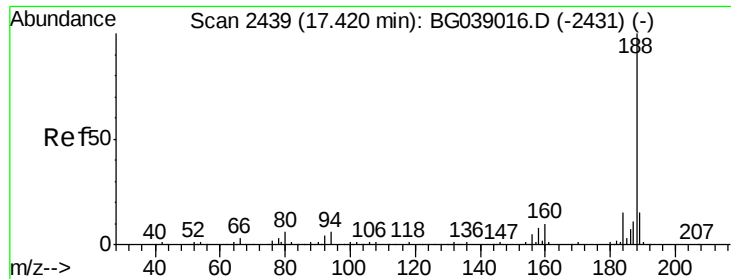
171 36.0 29.4 44.0

170 23.3 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039114.D

Acq: 12 Jan 2019 11:47

Instrument :

BNA_G

ClientSampleId :

DS-B

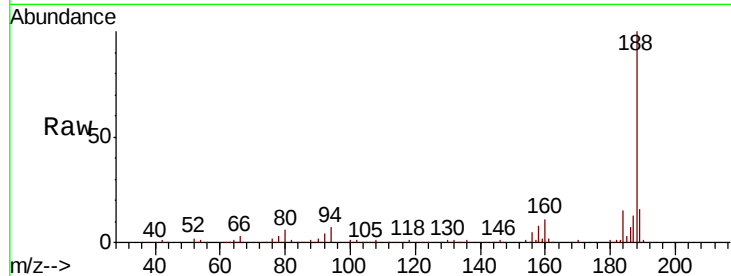
Tot Ion:188 Resp: 213976

Ion Ratio Lower Upper

188 100

94 6.7 5.0 7.4

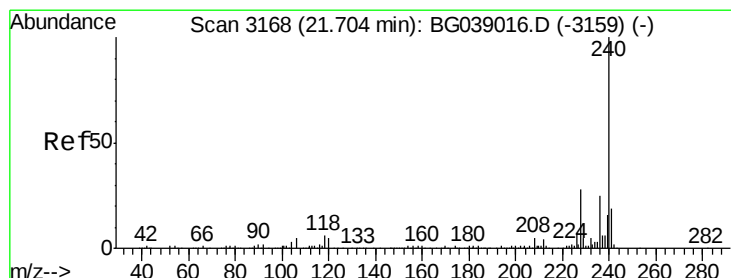
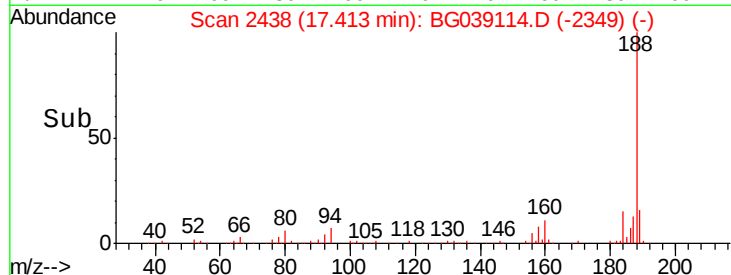
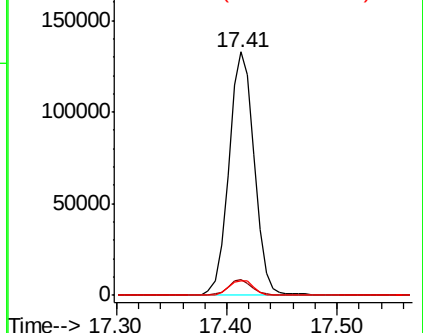
80 6.1 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039114.D

Acq: 12 Jan 2019 11:47

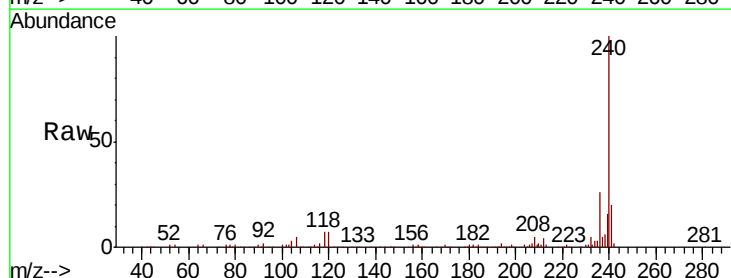
Tgt Ion:240 Resp: 217545

Ion Ratio Lower Upper

240 100

120 7.2 4.3 6.5#

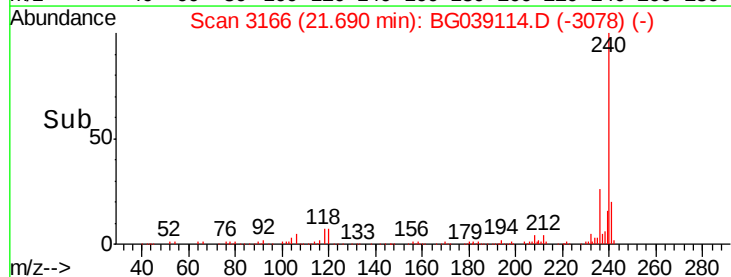
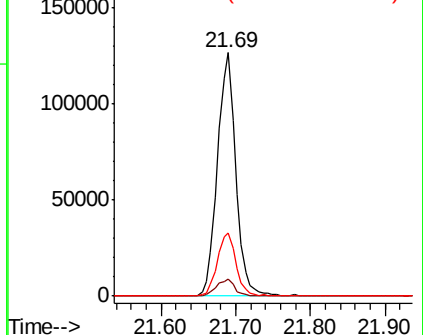
236 26.2 20.1 30.1

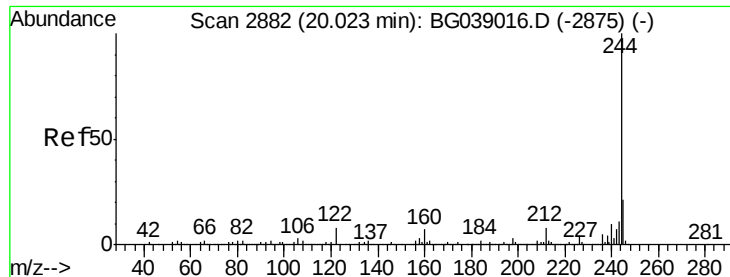


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.168 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039114.D

Acq: 12 Jan 2019 11:47

Instrument :

BNA_G

ClientSampled :

DS-B

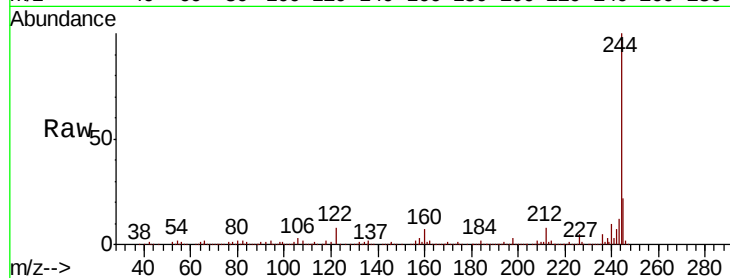
Tot Ion:244 Resp: 1060367

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

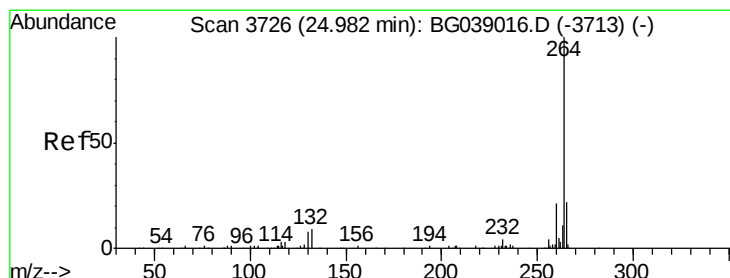
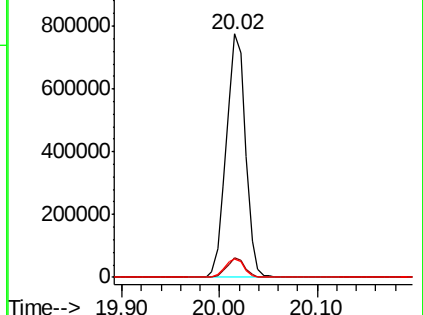
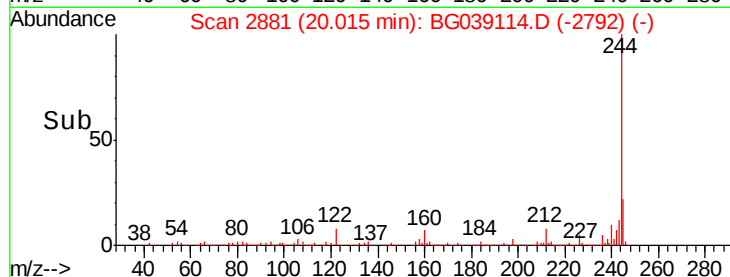
122 7.7 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039114.D

Acq: 12 Jan 2019 11:47

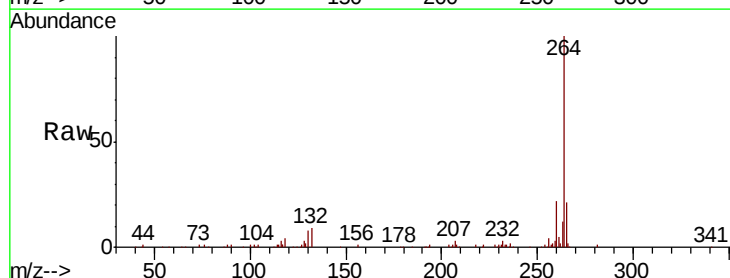
Tgt Ion:264 Resp: 225590

Ion Ratio Lower Upper

264 100

260 22.4 17.0 25.6

265 20.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

